What is claimed is:

1. A friction roller transmission comprising:

a first roller and a second roller disposed on two parallel shafts that are separated from each other in such a way that the rollers are not in contact with each other, the shafts being at the center of the respective rollers;

a third roller and a fourth roller that are in contact with both the first and the second rollers disposed between said first roller and said second roller, the third roller and the fourth roller being opposite to a line connecting the center of the first roller and the center of the second roller; and

backup bearings that are in contact with said third and said fourth rollers respectively to restrict displacement amount of said third roller and said fourth roller,

wherein the position of said backup bearings can be adjusted.

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2. A friction roller transmission according to claim 1, wherein in said backup bearing, a bearing mount portion and a shaft that constitutes a base for mounting on a plate are eccentric to each other.

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